

CLAIMS

What is claimed is:

1. A method of manufacturing a composite material comprising the steps of melting copper (Cu) and copper oxide (Cu_2O) in an atmosphere of 10^{-2} to 10^3 Pa of oxygen partial pressure, and solidifying the same.
2. A method as set forth in claim 1, wherein the solidifying step is carried out by casting.
3. A method as set forth in claim 2, wherein heat-treatment at 800 to 1,050 °C, and cold or hot plastic working are carried out after the casting.
4. A method as set forth in claim 1, wherein the copper and the copper oxide are dispersed with each other.
5. A method as set forth in claim 2, wherein the copper and the copper oxide are dispersed with each other.
6. A method as set forth in claim 3, wherein the copper and the copper oxide are dispersed with each other.